

EPA Registration No.
85556-1
Vol. 2



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

October 18, 2018

Thomas L. Higgins
CEO
AP Goldshield LLC
9570 Pan American Dr.
El Paso, Texas 79927

Subject: Notification per PRN 98-10 – Add Alternate Brand Name
Product Name: Gold Shield 5
EPA Registration Number: 85556-1
Application Date: September 21, 2018
Decision Number: 545142

Dear Mr. Higgins:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The alternate brand name "GS 5" has been added to the product record.

If you have any questions, you may contact Joe Daniels at (703) 347-8669 or via email at daniels.joseph@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "E. Miederhoff", written over a horizontal line.

for

Eric Miederhoff, Product Manager 31
Regulatory Management Branch 1
Antimicrobials Division (7510P)
Office of Pesticide Programs



***AP Goldshield LLC
9570 Pan American Drive
EL Paso, TX 79927***

NYO: 734 Chicken Valley Rd
Locust Valley, NY 11560

516.674.4085 P

www.goldshield1.com

tom@goldshield1.com

Sept. 25, 2018

Document Processing Desk
Office of Pesticide Program (7504P)
Environmental Protection Agency
1200 Pennsylvania Avenue, NW
Washington, DC 20460

Att: Velma Noble , PM31

Re: Label Amendment to add "Brands" to Goldshield 5 (#85556-1) and Goldshield 75 (#85556-2)

Company: AP Goldshield LLC

Dear Ms. Noble

Attached please find the appropriate forms 8570-1 to add brand names to our exiting EPA registered Products: Goldshield 5 (reg. # 85556-1), where we want to add the brand "**GS 5**"; and on Goldshield 75 (reg.# 85556-2), we want to add the brand "**GS 75**".

We are filing these electronically based on the Government's request for paper reduction. If you need these sent in hard copies please let me know. I thank you in advance .

Sincerely,

Thomas L. Higgins

Thomas L. Higgins

CEO

tom@goldshield1.com



United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☐ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number AP Goldshield LLC/ 85556-1	2. EPA Product Manager Ms. Noble	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Goldshield 5	PM#	
5. Name and Address of Applicant (Include ZIP Code) AP Goldshield LLC 9570 Pan American Dr. El Paso Texas. 79927 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

We are adding a brand name for this product : "GS 5"

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input checked="" type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted		If "Yes" Unit Packaging wgt. oz. & lbs.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 4,25,32,128 oz.		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Thomas L Higgins		Title CEO		Telephone No. (Include Area Code) 5166744085	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					6. Date Application Received (Stamped)
2. Signature 		3. Title CEO			
4. Typed Name Thomas L. Higgins		5. Date 9/21/18			

Leavy, Karen

From: Thomas Higgins <tom@goldshield1.com>
Sent: Monday, July 2, 2018 9:18 AM
To: Leavy, Karen
Cc: Miederhoff, Eric
Subject: Re: Goldshield Status of Master labels PDF formats
Attachments: MAsterlabel_75_with June 21 clean copy with changes to non food contact surfaces (002).pdf; Master Label EPA Final Clean Copy Master label GS 5 June 15 2018 85556-1 EM comments[2][1].pdf

PDF's as requested.

From: "Leavy, Karen" <Leavy.Karen@epa.gov>
Date: Monday, July 2, 2018 at 9:11 AM
To: Thomas Higgins <tom@goldshield1.com>
Subject: RE: Goldshield Status of Master labels

Good Morning Mr. Higgins,

Can you send me these attached proposed product labeling as PDFs?

KML

From: Thomas Higgins [mailto:tom@goldshield1.com]
Sent: Monday, July 2, 2018 8:02 AM
To: Miederhoff, Eric <Miederhoff.Eric@epa.gov>
Cc: Leavy, Karen <Leavy.Karen@epa.gov>
Subject: FW: Goldshield Status of Master labels
Importance: High

Wanted to be sure you received this email with the ALL the changes you requested re: non food contact surfaces and others re laundry. Please advise status. Thanks

From: Thomas Higgins <tom@goldshield1.com>
Date: Thursday, June 21, 2018 at 10:59 AM
To: "Miederhoff, Eric" <Miederhoff.Eric@epa.gov>
Cc: "Leavy, Karen" <Leavy.Karen@epa.gov>
Subject: Re: Goldshield Status of Master labels

Hi Eric, To save some time I have attached the clean copy of the changes you requested last week on Goldshield 5, #85556-1, and I have made the requested changes on the Goldshield 75, #85556-2 and attached both clean final copies. Hopefully this will be our final submission and approvals. I thank you in advance.

From: Thomas Higgins <tom@goldshield1.com>
Date: Friday, June 15, 2018 at 8:37 AM
To: "Miederhoff, Eric" <Miederhoff.Eric@epa.gov>
Cc: "Leavy, Karen" <Leavy.Karen@epa.gov>
Subject: Re: Goldshield Status of Master labels

Eric, Before sending in a FINAL draft, I have made the changes on "non-food surface qualifier" for towelling and cellulose sponges highlighted in yellow & clarified the laundry language reflecting the dilution of 1:16. Please confirm that these are all the final changes required and I will then submit Monday, the final clean copies. Thank you.

From: "Miederhoff, Eric" <Miederhoff.Eric@epa.gov>
Date: Wednesday, June 13, 2018 at 10:43 AM
To: Thomas Higgins <tom@goldshield1.com>
Cc: "Leavy, Karen" <Leavy.Karen@epa.gov>
Subject: RE: Goldshield Status of Master labels

Hi Tom,

I am sorry this review has been protracted. There are a few more materials I have highlighted that need the non-food contact surface qualifier: toweling, and cellulose sponges. Additionally, I included a question about the apparent duplication of the Directions for Use for commercial applications. Can these sections be consolidated for clarity? Finally, I included a comment about the addition of the laundry use. Is this use intended for homeowners? If not, the Directions for Use for those sections need to be clear that the laundry use is not for residential settings. The use is included in two places on the label, with differing application rates.

Eric

From: Thomas Higgins [<mailto:tom@goldshield1.com>]
Sent: Wednesday, June 06, 2018 4:24 PM
To: Miederhoff, Eric <Miederhoff.Eric@epa.gov>
Cc: Leavy, Karen <Leavy.Karen@epa.gov>
Subject: Goldshield Status of Master labels
Importance: High

Eric, Can you please provide an up date on the Master labels for Goldshield 5, 85556-1 & Goldshield 75, 85556-2, we made all the final recommendations you wanted and I am trying to know when we will receive the stamped approved labels. Thank you

Thomas Higgins
CEO/Co-Chairman
AP Goldshield LLC
PO Box 428
734 Chicken Valley Rd.
Locust Valley, NY 11560
516.277.1140 O
516.592.2847 C
www.goldshield1.com
www.goldshieldtech.co.uk

Leavy, Karen

From: Miederhoff, Eric
Sent: Monday, May 21, 2018 3:18 PM
To: Leavy, Karen
Subject: RE: PM Review Requested EPA Reg. Nos. 85556-1 & -2

Let's try sending him these specific edits first.

Thanks,

Eric

From: Leavy, Karen
Sent: Monday, May 21, 2018 3:09 PM
To: Miederhoff, Eric <Miederhoff.Eric@epa.gov>
Subject: RE: PM Review Requested EPA Reg. Nos. 85556-1 & -2

Eric,

I think that a phone call may be in order to Mr. Higgins. It seems that I have three times told or indicated that the proposed product labeling should look like this.
He seems to always give a curb ball. What do you think?

KML

From: Miederhoff, Eric
Sent: Monday, May 21, 2018 3:07 PM
To: Leavy, Karen <Leavy.Karen@epa.gov>
Subject: RE: PM Review Requested EPA Reg. Nos. 85556-1 & -2

Hi Karen,

Some of the revisions to deal with potential dietary exposure need to be revised a little bit further:

"non-food contact countertops" some of the references to countertop use need to include "contact."

Also, some of these use sites are described as "non-direct food contact surfaces." This is confusing, as indirect food contact, which is not defined on the label to differentiate it from direct food contact, should not be implied. These statements should be revised to "non-food contact surfaces," for clarity.

Eric

From: Leavy, Karen
Sent: Monday, April 30, 2018 9:50 AM
To: Miederhoff, Eric <Miederhoff.Eric@epa.gov>
Subject: FW: PM Review Requested EPA Reg. Nos. 85556-1 & -2
Importance: High

Good Morning Eric,

Did you see the labeling revisions that Mr. Higgins submitted attached above?

KML

From: Thomas Higgins [<mailto:tom@goldshield1.com>]
Sent: Friday, April 27, 2018 9:18 AM
To: Miederhoff, Eric <Miederhoff.Eric@epa.gov>
Cc: Leavy, Karen <Leavy.Karen@epa.gov>; ted <ted@goldshield1.com>
Subject: FW: PM Review Requested EPA Reg. Nos. 85556-1 & -2
Importance: High

Dear Eric, Please find attached the Master Labels for Goldshield 5 & 75, with the recommended changes you/Karen had suggested regarding the; "for non-direct food contact surfaces, we highlighted these statements where appropriate in red for your review. We provided the changed copies with comments, and the clean copies.

As far as the additional applications, we have simply taken commercial and institutional approved locations for use and listed items found therein to be more specific on the application "uses". For example, where we originally had approved: "Bed Sheets and Blankets", we added: "Beds, Bed Railings, and Bed Frames". For approved commercial and industrial applications such as institutions (schools) we simply added items typically found in the athletic facilities, which are prone to bacteria that cause odor and staining, such as; " lockers, locker rooms, benches, gym equipment, non-food countertops, yoga mats, wrestling mats, exercise balls, synthetic grass. The same is true on all other amendments for applications.

Many of these substrates are highly prone to molds and mildew and bacteria all which can cause odor, staining and discoloration very similar to the polyurethane foam items previously approved, yet more specific. As far as other companies are concerned, since we are providing a patented technology, we don't follow what they are doing or adding, since many we do not even know who are using the older silane quat. However, we have seen sites where they refer to these types of applications. Are you asking for the site references? If so we can send some references. We thank you in advance as we would like to get this concluded as quickly as possible.

From: "Miederhoff, Eric" <Miederhoff.Eric@epa.gov>
Date: Monday, April 23, 2018 at 3:36 PM
To: Thomas Higgins <tom@goldshield1.com>, "Leavy, Karen" <Leavy.Karen@epa.gov>
Cc: ted Shlisky <ted@goldshield1.com>
Subject: RE: PM Review Requested EPA Reg. Nos. 85556-1 & -2

Hello Mr. Higgins,

We can take a look at the additional applications you have added to the label as part of this submission.

However, we must determine that the proposed do not represent new uses for the active ingredient to where we would need to assess them in a risk assessment, which would need to be PRIA action rather than an amendment. Can you send us reference labels for other products with the same a.i. to expedite the review?

Also, I know that this a.i. is not approved for use on food contact surfaces, where dietary exposure may occur. Consequently you will need to qualify all of the uses on your label where there is a possible use on food contact surfaces that this product cannot be used that way. For instance "sponges," must be qualified to say: "sponges, not for use on food contact surfaces" or something similar. Same with countertops, and potentially other applications. Please amend the labels accordingly.

Regards,

Eric Miederhoff
Product Manager, Team 31
Regulatory Management Branch I
Antimicrobials Division
Office of Pesticide Programs
Environmental Protection Agency
703-347-8028

From: Thomas Higgins [mailto:tom@goldshield1.com]
Sent: Wednesday, April 11, 2018 12:26 PM
To: Leavy, Karen <Leavy.Karen@epa.gov>
Cc: Miederhoff, Eric <Miederhoff.Eric@epa.gov>; ted Shlisky <ted@goldshield1.com>
Subject: Re: PM Review Requested EPA Reg. Nos. 85556-1 & -2

OK please let me know I just thought in view of the time lines that it would be faster and easier since we are only adding applications

From: "Leavy, Karen" <Leavy.Karen@epa.gov>
Date: Wednesday, April 11, 2018 at 12:17 PM
To: Thomas Higgins <tom@goldshield1.com>
Cc: "Miederhoff, Eric" <Miederhoff.Eric@epa.gov>
Subject: RE: PM Review Requested EPA Reg. Nos. 85556-1 & -2

Good afternoon Mr. Higgins,

I did send Eric an email about adding additional claims on the submitted, proposed product labeling; however, he has NOT gotten back to me on that item. Usually, we process one label amendment at a time. Normally, a separate submission of the same approved labeling with the newer labeling claims would be needed to add the additional labeling claims that you requested below. Adding claims to proposed product labeling submitted for other claims or uses can cause confusion. The requested labeling revisions should be for both products. I need to double check to make sure.

KML

From: Thomas Higgins [mailto:tom@goldshield1.com]
Sent: Wednesday, April 11, 2018 11:14 AM
To: Leavy, Karen <Leavy.Karen@epa.gov>
Cc: Miederhoff, Eric <Miederhoff.Eric@epa.gov>; ted Shlisky <ted@goldshield1.com>
Subject: Re: PM Review Requested EPA Reg. Nos. 85556-1 & -2

Karen, We have attached:

1. The Goldshield 75 labels with changes you recommended. For the word "microbes" we changed to "these organisms" as referring to the bacteria and fungi which cause odor, staining, discoloration
2. Since submitting these changes we have had other requests from our clients to add applications. So we have added an additional label highlighted in red the requests for these new application claims, and would like to know if you would consider these in this process, Please confirm.
3. Regarding Goldshield 5 we have made the changes and provided the clean copy.
4. We have also submitted another label as we did on Goldshield 75 for the same new application changes and are hoping these would be reviewed in the same application process. Please confirm.

From: "Leavy, Karen" <Leavy.Karen@epa.gov>
Date: Tuesday, April 10, 2018 at 7:42 AM
To: Thomas Higgins <tom@goldshield1.com>
Cc: "Miederhoff, Eric" <Miederhoff.Eric@epa.gov>
Subject: FW: PM Review Requested EPA Reg. Nos. 85556-1 & -2

Good Morning Thomas,

Attached above is a mocked up copy of the proposed product labeling with Eric's labeling comments that pertain to 85556-1 & -2. Please review, make revisions and resubmit via email a clean copy of the proposed product labeling.

KML

From: Miederhoff, Eric
Sent: Friday, April 6, 2018 3:29 PM
To: Leavy, Karen <Leavy.Karen@epa.gov>
Subject: RE: PM Review Requested EPA Reg. Nos. 85556-1 & -2

I agree that microbes is too broad. Non public health claims should be limited to odor and stain causing bacteria. "Microbes" could include viruses.

Some other comments on this one as well. I assume they were making similar changes to both products, so these comments would apply to both.

From: Leavy, Karen
Sent: Wednesday, February 07, 2018 12:24 PM
To: Miederhoff, Eric <Miederhoff.Eric@epa.gov>
Subject: Re: PM Review Requested EPA Reg. Nos. 85556-1 & -2

Good Afternoon Eric,

Attached are clean copies of the labeling as well as the ComparDocs for 85556-1 & -2. However, before review and signing and stamping the labeling, please look at my previous email with Mr. Higgins concerning the use of the phrase microbes.

KML

From: Leavy, Karen
Sent: Wednesday, January 31, 2018 2:44 PM
To: Miederhoff, Eric <Miederhoff.Eric@epa.gov>
Subject: FW: Labeling revision for the phrase "Water Stable" being requested

Eric,

Please let me know if the phrase, patented water soluble formula, is o.k.

KML

From: Thomas Higgins [<mailto:tom@goldshield1.com>]
Sent: Wednesday, January 31, 2018 2:03 PM
To: Leavy, Karen <Leavy.Karen@epa.gov>

Cc: Miederhoff, Eric <Miederhoff.Eric@epa.gov>; ted Shlisky <ted@goldshield1.com>
Subject: Re: Labeling revision for the phrase "Water Stable" being requested

Hi Karen, I have attached the red lined copies deleting "Water-Stable", but adding in three marketing statements and have provided clean copies on both items, any q's let me know:

Goldshield ®5 is a Patented water-stable formula.

Goldshield ®5 is Water-stable during storage

Goldshield ®5 is Water-stable extending shelf life

Goldshield ®75 is a Patented water-stable formula.

Goldshield ®75 is Water-stable during storage

Goldshield ®75 is Water-stable extending shelf life

From: "Leavy, Karen" <Leavy.Karen@epa.gov>
Date: Wednesday, January 31, 2018 at 1:28 PM
To: Thomas Higgins <tom@goldshield1.com>
Cc: "Miederhoff, Eric" <Miederhoff.Eric@epa.gov>, ted Shlisky <ted@goldshield1.com>
Subject: Re: Labeling revision for the phrase "Water Stable" being requested

Good afternoon Mr. Higgins,

I think we are on the same page. Since you have agreed to delete the phrase, Water Stable, and revise to read: "Water stable during storage or shelf-life".

KML

From: Thomas Higgins <tom@goldshield1.com>
Sent: Wednesday, January 31, 2018 9:48 AM
To: Leavy, Karen
Cc: Miederhoff, Eric; ted Shlisky
Subject: Re: Labeling revision for the phrase "Water Stable" being requested

Dear Karen,

We would like to use these phrases as **optional** marketing statements on the label: "Water-stable during storage"; "Water-stable extending shelf life"; "Patented water-stable formula". We would remove the statement "Water –Stable" as you suggest, but would like to retain the option of using any of the above statements individually or collectively. If you agree we would modify and ammend the Master label and re-submit today.

From: "Leavy, Karen" <Leavy.Karen@epa.gov>
Date: Tuesday, January 30, 2018 at 2:42 PM
To: Thomas Higgins <tom@goldshield1.com>
Cc: "Miederhoff, Eric" <Miederhoff.Eric@epa.gov>
Subject: Re: Labeling revision for the phrase "Water Stable" being requested

Good afternoon Thomas,

Just spoke with my team leader. He indicated that he wanted a more descriptive phrase when referring to the product being water stable. The revision may look like "Water stable during storage or self-life".

This is the last sticking point in terms of accepting the proposed product labeling.

KML

PROCESSING REQUEST

Reg # 85556-1

Decision # 536217

Description: Labeling Amendment

Electronic Label & Letter
(see PPLS):

OR

Non Electronic
Label & Letter
(Scanning required):

☒ Dated:

☐ Dated:

Only one label type should be selected

Other Materials Sent (see jacket):

☐ New CSF(s) Dated:

☐ Other:

File this coversheet and attached materials in the jacket. It must be well organized and clipped together, NOT STAPLED. Then give the jacket with the coversheet and materials to staff in the Information Services Center (ISC) (Room S-4900). If a jacket is full or only available as an image, please file materials in a new jacket and bring it down to the (ISC). For further information please call 703-605-0716.

Reviewer: Karen M. Leavy

Division: AD

Phone: 703-308-6237

Date: 2/20/18



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

July 2, 2018

Mr. Thomas Higgins
CEO of,
AP GoldShield LLC
735 Chicken Valley Road
Locust Valley, NY 11560

Subject: Label Amendment – To revise the product labeling
Product Name: GoldShield 5
EPA Registration Number: 85556-1
Application Date: November 21, 2017
Decision Number: 536217

Dear Mr. Higgins:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

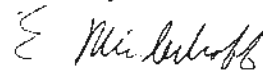
A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Page 2 of 2
EPA Reg. No. 85556-1
Decision No. 536217

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Karen M. Leavy by phone at (703)-308-6237, or via email at Leavy.Karen@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Miederhoff".

Eric Miederhoff
Product Manager 31
Regulatory Management Branch I
Antimicrobials Division (7510P)
Office of Pesticide Programs

Enclosure



Goldshield™
Goldshield®5

MICROBIOSTATIC AGENT *
A Silicone Quaternary Ammonium Salt

Water Based

ACCEPTED

07/02/2018

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 85556-1

Active Ingredient:	3-(Trihydroxysilyl)propyldimethyloctadecyl ammonium chloride.....	5.0%
Other Ingredients:	95.0%
TOTAL		
INGREDIENTS:	100.0%

KEEP OUT OF REACH OF CHILDREN

WARNING

EPA Reg. No. 85556-1

EPA EST. [As indicated on label]

NET CONTENTS: 2, 4, 8, 16, 20, 22, 25 or 32, 36 fluid oz.; 1, 5, 55, 150, or 275 gal.

Lot No. _____

FIRST AID

Have the product container or label with you when calling the poison control center or doctor, or going for treatment.

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
- Call poison control center or doctor for treatment advice.

IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

IF ON SKIN:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

A microbiostatic agent is an agent that inhibits the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae. This product does not protect users or others against food-borne or disease-causing bacteria.

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

WARNING. Causes substantial but temporary eye injury. Harmful if absorbed through skin or inhaled. Do not get in eyes. Avoid contact with skin and avoid breathing vapor. Wear protective eyewear (goggles or face shield). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

Commercial and industrial uses: This pesticide is toxic to fish when discharged in bulk. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

De-activation may be required during clean up if a spill occurs. De-activation of **Goldshield®5** can be achieved by the addition of anionic surfactant (such as soap, sulfonates, sulfates) in quantity equivalent to that of **Goldshield® 5**.

Homeowner use: This pesticide is toxic to fish. When discharged in bulk. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of pesticide.

DIRECTIONS FOR USE

Approved commercial and Industrial Applications

**Approved commercial applications used in homes, offices, automobiles and institutions
e.g., schools, hospitals, daycare centers, churches, correctional facilities**

PAGE 3 - MASTER LABEL FOR **Goldshield®5**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry.

Prepare solutions by simply adding **Goldshield®5** to solvent and stirring. Dilute **Goldshield®5** by adding 5 parts water to 1 part **Goldshield®5** concentrate and stir or Dilute **Goldshield®5** by adding 0.2 to 2 fluid ounces of **Goldshield®5** per cup (3.2 to 32 fluid ounces of **Goldshield®5** per gallon) of water or other solvents (for example, alcohol and ketones) and then applied to organic or inorganic substrates by brushing, dipping, soaking, spraying, to give a final treatment of 0.1 to 1.0 percent by weight active ingredient.

Dry substrates at temperatures from ambient to a maximum of 160° C (320° F) to effect complete condensation of silanol groups and to remove water, solvents and/or traces of methanol from hydrolysis. Optimum application and drying conditions, such as time and temperature, should be determined for each application before use. If necessary, reapply **Goldshield®5** every three months (90 days) or when odor, staining and discoloration due to odor causing bacteria, mold stains, and mildew stains return.

For protection up to 90 days Goldshield 5 may be used in concentration form as a commercial laundry protectant to inhibit bacteria and fungi that cause odor, staining and discoloration. Add Goldshield 5 in concentrated form during the laundry rinse cycle, which will result in a dilution with 16 parts water to 1 part GS 5. For applying to surfaces dilute (5 parts water to 1 part GS5 resulting in a 0.83% active) as a surface antimicrobial agent.

Goldshield®5 when used as a concrete additive is added directly during concrete preparation. Use 6 fluid ounces **Goldshield®5** per cubic feet of concrete. Add to water before addition of concrete. Addition of **Goldshield®5** reduces deterioration of sewer pipes and manholes by inhibiting microbiologically induced corrosion.

Goldshield®5 when used as an additive for paints and coatings is added directly during preparation of the paint or coating. Use 5 pounds of **Goldshield®5** per 100 pounds of paint or coating (or 1 pound **Goldshield®5** per 20 pounds paint/coating). The addition of the antimicrobial agent **Goldshield®5** to paints at the point of manufacture preserves the paint in the can as well as the dried paint film. **Goldshield®5** inhibits the growth of odor causing bacteria, bacteria which causes staining and discoloration, fungi (mold and mildew), and algae on the surface of dried films and coatings.

Approved commercial and industrial applications

The active ingredient in **Goldshield®5** is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. **Goldshield®5** can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) activity.

- Air filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems
- Air filters/materials
- Air filters/materials
- Aquarium filter material
- Athletic facilities, lockers, locker rooms, benches, gym equipment, countertops of non-food contact surfaces, yoga mats, wrestling mats, exercise balls, synthetic grass
- Bed sheets, blankets, and bedspreads
- Beds, bed railings and bed frames
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Cages, made of cement or concrete, metal bars
- Cellulose sponges non-food contact surfaces
- Chairs and furniture made of composite materials, wood or metals
- Changing counters of non-food contact surfaces, and rooms, doorknobs, floors, laminate flooring
- Apply GS 75 to cell phone glass and casing, remote call devices, TV remote control devices, stationary phones and handles, let dry and wipe clean any residue.
- Concrete additive for sewer pipes, manholes and concrete sewer structures; not to be used in treatment of storm drains
- Concrete additive for repair and renewal of sewer pipes and manholes and concrete sewer structures; not to be used in treatment of storm drains
- Exterior walls (such as stone, concrete, brick)
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass ductboard
- Fire hose fabric
- Film of PVA poly vinyl alcohol, polyvinyl acetate, polypropylene, PVC (poly vinyl chloride), used for packaging non-food products
- Garbage cans, trash cans
- Glass
- Humidifier belts
- Interior and exterior of transportation vehicles; automobiles [cars], taxis, buses, trains, boats, ships, EMS vehicles and the cushions, seat covers, carpets contained therein.

- Institutional & Industrial delivery carts, made of synthetic substrates or textiles, laundry linen carts, scales, stools, wheel chair seats-backs and arm rests, gurneys and gurney covers of synthetic materials
- Lamp stands, light fixtures, light switches and plates,
- Mattress pads and ticking, mattress pads of vinyl, PVC, PVA, poly vinyl acetate or other synthetic materials
- Men's underwear and outerwear
- Non-woven disposable diapers
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- **Goldshield®75** can be used in paints and coatings as an in can preservative for protection of paint film and coating film. Types of paints and coatings include : latex indoor/outdoor paints and stains, wood-stains, architectural paints, lacquer and maintenance coatings, films, laminates and finishes including alkyd, urethane, enamel, epoxy, siloxaline , amino resins, textile coatings, extrusion coatings, architectural coatings and overlays, anti-corrosion coatings, fire-resistant coatings, aliphatic coatings, vinyl-ester and polyester coatings, gel coatings, amino resins, resins used as additive mixes for cement, epoxy laminating resins, and blends and copolymers thereof;
- Polyurethane and cellulose foam for household, industrial, and institutional sponges for non-food contact surfaces and mops
- Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in non-food contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants
- Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties) used for non- food contact surfaces
- Refrigerators-exterior
- Roofing materials - defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- Room tables for non-food contact surfaces, made of wood, composite materials and metals, cabinets made of wood, composite materials, metals, cages
- Sand bags, tents, tarpaulins, sails, and ropes
- Athletic and casual shoes
- Shoe insoles
- Shower curtains, privacy curtains, of cotton, cotton blends of polyester, nylon or viscose, polypropylene and other synthetic fibers
- Shower stalls, walls, floors, ceilings
- Shopping cart handles, industrial push carts
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene/nylon/Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra

- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers non-food contact surfaces
- Toilet tank and seat covers, bathroom faucets and sinks
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops for non-food contact surfaces; the wiping cloths do not impart pesticide properties
- Women's hosiery
- Women's intimate apparel

DIRECTIONS FOR USE

**Approved commercial applications used in homes, offices, automobiles and institutions
e.g., schools, hospitals, daycare centers, churches, correctional facilities**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

For Pump Spray Application: Dilute *Goldshield® 5* by adding 5 parts water to 1 part *Goldshield® 5* concentrate and stir or dilute 8 ounces of *Goldshield® 5* per gallon of water (2 oz. per quart; 1oz. per pint). Using pump sprayer, spray entire area 4"- 6"s from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. *Goldshield® 5* treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more *Goldshield® 5* may be required due to absorption. A fan may be used to assist in drying carpeting.

For Commercial Spray Application: For commercial application equipment (i.e. carpet/upholstery steamers, rotary jet extraction cleaners, pressure sprayers) dilute 8 ounces of *Goldshield® 5* per gallon of water (2 oz. per quart; 1oz. per pint); mix well. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. *Goldshield® 5* treats approximately 200 square feet per diluted gallon of

water. When treating coarser substrates, more **Goldshield®5** may be required due to absorption. Dry carpet areas and surfaces before re-entry and dry articles before use. A fan may be used to assist in drying carpeting.

For Dipping/Soaking Application: Use appropriate sized wash-basin or tub for dipping/soaking the item you are treating. Use enough **Goldshield®5** solution to completely submerge item. Dilute 8 ounces of **Goldshield®5** per gallon of water (2 oz. per quart; 1oz. per pint); mix well. Completely submerge item in solution for 3 minutes. Remove item and dry. Test for staining and color-fastness of fabrics by treating and drying a small, concealed area prior to application. Do not reuse solution after dipping/soaking. The substrate can be dried at room temperatures or at temperatures to a maximum of 160° C (320° F), for example in a clothes dryer. Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply **Goldshield®5** every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

For protection up to 90 days Goldshield 5 may be used in concentration form as a laundry protectant to inhibit bacteria and fungi that cause odor, staining and discoloration. Add Goldshield 5 in concentrated form during the laundry rinse cycle, which will result in a dilution with 16 parts water to 1 part GS 5. For applying to surfaces dilute (5 parts water to 1 part GS5 resulting in a 0.83% active) as a surface antimicrobial agent.

**Approved commercial applications in homes, offices, automobiles and institutions
e.g., schools, hospitals, day care centers, banks, churches, correctional facilities**

The active ingredient in **Goldshield®5** is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent.

Goldshield®5 can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) activity.

- Air filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems
- Air filters/materials
- Air filters/materials
- Aquarium filter material
- Athletic facilities, lockers, locker rooms, benches, gym equipment, countertops of non-food contact surfaces, yoga mats, wrestling mats, exercise balls, synthetic grass
- Bed sheets, blankets, and bedspreads
- Beds, bed railings and bed frames
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Cages, made of cement or concrete, metal bars
- Cellulose sponges non-food contact surfaces

PAGE 8 - MASTER LABEL FOR **Goldshield®5**

- Chairs and furniture made of composite materials, wood or metals
- Changing counters of non-food contact surfaces, and rooms, doorknobs, floors, laminate flooring
- Apply GS 75 to cell phone glass and casing, remote call devices, TV remote control devices, stationary phones and handles, let dry and wipe clean any residue.
- Concrete additive for sewer pipes, manholes and concrete sewer structures; not to be used in treatment of storm drains
- Concrete additive for repair and renewal of sewer pipes and manholes and concrete sewer structures; not to be used in treatment of storm drains
- Exterior walls (such as stone, concrete, brick)
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass ductboard
- Fire hose fabric
- Film of PVA poly vinyl alcohol, polyvinyl acetate, polypropylene, PVC (poly vinyl chloride), used for packaging non-food products
- Garbage cans, trash cans
- Glass
- Humidifier belts
- Interior and exterior of transportation vehicles; automobiles [cars], taxis, buses, trains, boats, ships, EMS vehicles and the cushions, seat covers, carpets contained therein.
- Institutional & Industrial delivery carts, made of synthetic substrates or textiles, laundry linen carts, scales, stools, wheel chair seats-backs and arm rests, gurneys and gurney covers of synthetic materials
- Lamp stands, light fixtures, light switches and plates,
- Mattress pads and ticking, mattress pads of vinyl, PVC, PVA, poly vinyl acetate or other synthetic materials
- Men's underwear and outerwear
- Non-woven disposable diapers
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- **Goldshield®75** can be used in paints and coatings as an in can preservative for protection of paint film and coating film. Types of paints and coatings include : latex indoor/outdoor paints and stains, wood-stains, architectural paints, lacquer and maintenance coatings, films, laminates and finishes including alkyd, urethane, enamel, epoxy, siloxaline , amino resins, textile coatings, extrusion coatings, architectural coatings and overlays, anti-corrosion coatings, fire-resistant coatings, aliphatic coatings, vinyl-ester and polyester coatings, gel coatings, amino resins, resins used as additive mixes for cement, epoxy laminating resins, and blends and copolymers thereof;

- Polyurethane and cellulose foam for household, industrial, and institutional sponges for non-food contact surfaces and mops
- Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in non-food contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants
- Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties) used for non- food contact surfaces
- Refrigerators-exterior
- Roofing materials - defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- Room tables for non-food contact surfaces, made of wood, composite materials and metals, cabinets made of wood, composite materials, metals, cages
- Sand bags, tents, tarpaulins, sails, and ropes
- Athletic and casual shoes
- Shoe insoles
- Shower curtains, privacy curtains, of cotton, cotton blends of polyester, nylon or viscose, polypropylene and other synthetic fibers
- Shower stalls, walls, floors, ceilings
- Shopping cart handles, industrial push carts
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene/nylon/Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers non-food contact surfaces
- Toilet tank and seat covers, bathroom faucets and sinks
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops for non-food contact surfaces; the wiping cloths do not impart pesticide properties
- Women's hosiery
- Women's intimate apparel

DIRECTIONS FOR USE
For homeowner applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

Approved homeowner uses

The active ingredient in **Goldshield®5** is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. **Goldshield®5** can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) activity.

	Pest controlled	Dilution Rate	Method of Application
Bed-sheets, blankets, bedspreads, curtains, draperies (washable only), underwear, socks, intimate apparel, hosiery, throw rugs, toweling, toilet tank covers, shower curtains, shoe insoles, outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos). Goldshield®5 can be applied to fabrics made of acetates, acrylics, cotton, fiberglass, linen, Lycra, nylon, orlon, polyester, polyethylene, polyolefins, polypropylene, rayon, silk, spandex, vinyl, and wool	Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	8 oz./ gallon 2 oz./ quart 1 oz./pint	<p>DIP/SOAK: Dilute Goldshield®5 in water; mix well. Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough Goldshield®5 solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid. Drying may be attained by dripping dry or wringing excess liquid from treated item. For larger items (e.g., bedspreads, curtains, draperies), place in washing machine on spin cycle to aid in the removal of excess liquid. Test staining and color-fastness of fabric and carpets by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160 °C (320 °F); (for example in a clothes dryer). If necessary, reapply Goldshield®5 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p> <p>SPRAY: Dilute Goldshield®5 in water; mix well. Clean</p>

			surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply Goldshield®5 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
	Pest controlled	Dilution Rate	Method of Application
Air filters and air filter material for <ul style="list-style-type: none"> • Furnaces, air conditioners • Air purification systems • Automobiles • Recirculating air handling systems • Vacuum cleaner filters • Aquariums 	Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae	8 oz./ gallon 2 oz./ quart 1 oz./pint	SPRAY: Dilute Goldshield®5 in water; mix well. When treating filters, remove filter from the unit. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. Apply and then let stand until dry. If necessary, reapply Goldshield®5 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.
	Pest controlled	Dilution Rate	Method of Application
Carpeting	Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	8 oz./ gallon 2 oz./ quart 1 oz./pint	SPRAY: Dilute Goldshield®5 in water; mix well. Apply to clean carpet surface. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. For rotary jet extraction cleaners and carpet steamers, add the diluted Goldshield®5 solution directly to the cleaning tank, then operate the equipment in accordance with manufacturer's instructions. Apply and then let stand until dry. Test staining and color-fastness of carpets by treating and drying a small concealed area prior to application. Goldshield®5 treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates (e.g., wool carpeting), more Goldshield®5 may be required due to absorption. Dry carpet areas and surfaces before re-entry. A fan may be used to assist in drying carpeting.

			Remove children and pets from treated area until completely dried. If necessary, reapply Goldshield®5 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
	Pest controlled	Dilution Rate	Method of Application
Mattress pad and mattress ticking and upholstery composed of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool; fiberfill to be used in upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, rayon or wool	Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	8 oz./ gallon 2 oz./ quart 1 oz./pint	SPRAY: Dilute Goldshield®5 in water; mix well. Clean surfaces prior to application. Using a trigger pump sprayer spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. When applying to mattress pads and ticking do not soak. Remove children and pets from treated area until completely dried. If necessary, reapply Goldshield®5 every three months or when odor, staining and discoloration due to bacteria, mold stains and mildew stains return.
	Pest controlled	Dilution Rate	Method of Application
Tents, tarpaulins, sails, ropes.	Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae	8 oz./ gallon 2 oz./ quart 1 oz./pint	SPRAY: Dilute Goldshield®5 in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply Goldshield®5 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.

			<p>DIP/SOAK: Dilute Goldshield®5 in water and mix well. Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough Goldshield®5 solution to completely submerge item. Keep item in solution for three minutes. Remove item and wring excess liquid. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160 °C (320 °F); (for example in a clothes dryer). Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply Goldshield®5 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.</p>
	Pest controlled	Dilution Rate	Method of Application
<p>Roofing materials (such as shingles, roofing granules, wood shakes, felt, stone, synthetic overcoats) Exterior walls (such as stone, concrete, brick)</p>	<p>Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae</p>	<p>8 oz./ gallon 2 oz./ quart 1 oz./pint</p>	<p>SPRAY: Dilute Goldshield®5 in water; mix well. Make sure the roof or wall is clean prior to application. Using a pressure sprayer, spray the entire surface area 6"-12" from the surface making sure the surface is completely covered. After applying the dilute solution of Goldshield®5 let stand until dry. Goldshield®5 treats approximately 200 square feet of roofing or wall per diluted gallon of water. If necessary, reapply Goldshield®5 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.</p>
	Pest controlled	Dilution Rate	Method of Application
<p>Buffer pads (polishing and abrasive), Polyurethane and cellulose foam for household sponges and mops, vacuum cleaner bags, umbrellas, casual shoes, athletic shoes</p>	<p>Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)</p>	<p>8 oz./ gallon 2 oz./ quart 1 oz./pint</p>	<p>SPRAY: Dilute Goldshield®5 in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply Goldshield®5 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p>

	Pest controlled	Dilution Rate	Method of Application
Tubs, glazed tiles, vanity tops, shower curtains, shower stalls (areas), sinks, washable walls, wall paper for non-food contact, floors, window sills, cabinets, garbage cans, appliances, refrigerators (exterior), fiberglass, formica, glazed tiles, glazed porcelain, synthetic marble, plastic, vinyl	Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	8 oz./ gallon 2 oz./ quart 1 oz./pint	SPRAY: Dilute Goldshield®5 in water; mix well. Using a trigger pump sprayer, spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply Goldshield®5 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

MOLD, MILDEW, ODOR PROTECTOR AND INHIBITOR **Goldshield®5** is an antimicrobial agent effective against odor causing bacteria.

Goldshield®5 is a Patented water-stable formula.

Goldshield®5 is Water-stable during storage

Goldshield®5 is Water-stable extending shelf life

Goldshield®5 is an antimicrobial agent effective against bacteria which cause staining and discoloration.

Goldshield®5 is an antimicrobial agent effective against fungi (mold and mildew).

Goldshield®5 is an antimicrobial agent effective against algae.

Goldshield®5 an antimicrobial agent, controls the source of odors on surfaces in the home, in the bathroom, in the kitchen.

Goldshield®5 is a Bacteriostatic, fungistatic (mold and mildew), algaestatic.

Goldshield® 5 is an antimicrobial surface agent. This statement will appear directly under or next to the product Brand, in this case Goldshield 5 when being sold as a surface application not laundry application.

Goldshield®5 an antimicrobial agent, inhibits smelly odors caused by mold and mildew that can grow even in the cleanest of homes.

Goldshield®5, an antimicrobial agent, inhibits the growth of odor causing bacteria.

Effective on hard non-porous washable bathroom and kitchen surfaces and fixtures around the home.

Effective on modern hard non-porous washable surfaces made of fiberglass, glazed porcelain, Formica®, stainless steel, synthetic marble.

Imparts microbiostatic properties.

Use on carpet and upholstery to inhibit odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Unscented.

Use on carpet and upholstery to inhibit the growth of odor causing bacteria.

Use on carpet and upholstery to inhibit the growth of bacteria, which cause staining and discoloration.

Use on carpet and upholstery to inhibit the growth of fungi (mold and mildew).

Use on carpet and upholstery to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria.

Provides an invisible microbiostatic coating to inhibit the growth of bacteria which cause staining and discoloration.

Provides an invisible microbiostatic coating to inhibit the growth of fungi (mold and mildew).

Provides an invisible microbiostatic coating to inhibit the growth of algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Prevents deterioration caused by bacteria and fungi (mold and mildew).

Inhibits deterioration caused by bacteria.

Resists development of microbial odors.

Resists development of stains and discoloration due to bacteria.

Resists development of stains due to fungi (mold and mildew).

Resists stains due to algae.

Resists development of microbial odors, stains and discoloration due to bacteria, fungi (mold and mildew), and algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria.

Provides/creates an invisible barrier to inhibit the growth of bacteria which cause staining and discoloration.

Provides/creates an invisible barrier to inhibit the growth of fungi (mold and mildew).

Provides/creates an invisible barrier to inhibit the growth of algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

STORAGE AND DISPOSAL

Up to 5 gallons

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

Pesticide Storage: Store in original, tightly closed containers below 30°C (86°F) and above 0°C (32°F) in a secure area inaccessible to children and away from food, pet food, feed, seed, fertilizers, and veterinary supplies

Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility. [For

Home owners use the statement will read: **Pesticide disposal:** Wastes resulting from the use of this product may be disposed of on site]

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after flow begins to drip. Repeat this procedure two more times. Offer for recycling if available or dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. [

For homeowners use statement will read :

Container Disposal: Securely wrap original container in several layers of newspaper and discard in trash.]

Up to 5 gallons

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

Pesticide Storage: Store in original, tightly closed containers below 30°C (86°F) and above 0°C (32°F) in a secure area inaccessible to children and away from food, pet food, feed, seed, fertilizers, and veterinary supplies

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

[For Home owners use the statement will read: Pesticide disposal: Wastes resulting from the use of this product may be disposed of on site]

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after flow begins to drip. Repeat this procedure two more times. Offer for recycling if available or dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. **[For homeowners use statement will read :**

Container Disposal: Securely wrap original container in several layers of newspaper and discard in trash.]

5 gallon containers and larger (not for homeowner)

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

Pesticide Storage: Store in original, tightly closed containers below 30°C (86°F) and above 0°C (32°F) in a secure area inaccessible to children and away from food, pet food, feed, seed, fertilizers, and veterinary supplies

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

[For Home owners use the statement will read: Pesticide disposal: Wastes resulting from the use of this product may be disposed of on site]

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling if available or dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Note: Any claims for paint use must be for the preservative of the paint in the can. *Goldshield*®5 is to be used as an in can preservative for paints to control the growth of odor causing bacteria, bacteria which causes staining and discoloration, fungi (mold and mildew) and algae.

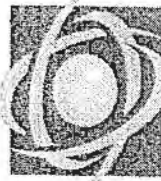
FOR MORE INFORMATION CONCERNING THIS PRODUCT, PLEASE CONSULT THE MATERIAL SAFETY DATA SHEET (MSDS). THE MSDS CAN BE OBTAINED BY WRITING : AP Goldshield LLC , 9570 Pan American Dr., El Paso Texas, 79927 or emailing: info@goldshield1.com

IMPORTANT: WARRANTY AND DISCLAIMER INFORMATION

AP GOLDSHIELD, LLC warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated in this bulletin when used in accordance with directions under normal conditions of use; but this warranty of fitness for a particular purpose does not extend to the use of this product contrary to bulletin instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk of any such use.

AP GOLDSHIELD LLC SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY. www.goldshield1.com

25



Goldshield™

AP Goldshield LLC

734 Chicken Valley Rd
Locust Valley, NY 11560

516.674.4085 P

www.goldshield1.com

tom@goldshield1.com

November 21, 2017

Document Processing Desk (AMEND)
Office of Pesticide Programs (7504P)
Environmental Protection Agency
One Potomac Yard
2777 S. Crystal Drive, Room S-4900
Arlington VA 22202

Attn: Velma Noble, PM 31

Re: Label Amendments to add claims, reword claims and add similar uses

Company: AP Goldshield LLC
Products: Goldshield 5, EPA Reg. No. 85556-1
Goldshield 75, EPA Reg. No. 85556-2

Dear Ms. Noble:

Attached please find the appropriate documents to support a proposal to amend labels for two current registered products Goldshield 5 (GS5) and Goldshield 75 (GS75) containing 1-Octadecanaminium,N,N-dimethyl-N-[3-(trihydroxysilyl)propyl],chloride as the active ingredient. The nature of the amendments is identical for both products.

The proposed amendments make three principal changes:

- The terms "water based" and "water stable" are added to the front panel under the company logo.

This change is consistent with the Agency's prior recognition of the difference between silane quats stabilized in methanol (CAS No. 27668-52-6) and in water (CAS No. 199111-50-7).

- Restatement or rewording of claims previously approved
- Additional use patterns are listed

The additional use patterns proposed are similar to existing use patterns already approved for GS5 and GS75 and do not constitute "new use[s]" within the meaning of 40 CFR 152.3. Accordingly, approval of the additional uses and the other label changes should not require additional data or a scientific review and thus qualify for fast track action.

Enclosures:

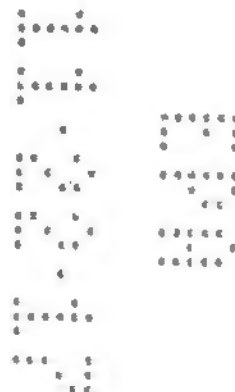
- EPA form 8570-1
- Five copies of each label (1 copy of each with changes marked)

If you require further information or have questions about this submission please contact me at tom@goldshield1.com or 516 674-4085.

Sincerely,



Thomas L. Higgins, CEO





United States
Environmental Protection
Agency
Washington, DC 20460

Registration
☒ Amendment
Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number

85556-1

2. EPA Product Manager

Velma Noble

3. Proposed Classification

None Restricted

4. Company/Product (Name)

Goldshield 5

PM#

31

5. Name and Address of Applicant (Include ZIP Code)

AP Goldshield LLC
c/o Theodore Shilsky
PO Box 428
Locust Valley NY 11560

☒ Check if this is a new address

6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to:

EPA Reg. No.

Product Name

Section - II

☒ Amendment - Explain below

Resubmission in response to Agency letter dated

Notification - Explain below.

Final printed labels in response to Agency letter dated

Me Too" Application.

Other - explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Label amendment to add uses to the label similar to previously approved uses; addition of claims; No PRIA fee; email contact: ted@goldshield1.com

Section - III

1. Material this Product will be Packaged in:

Child-Resistant Packaging

Yes*

☒ No

Unit Packaging

Yes

☒ No

Water Soluble Packaging

Yes

☒ No

2. Type of Container

Metal

☒ Plastic

Glass

Paper

Other (Specify)

* Certification must be submitted.

If "Yes,"
Unit Package wgt. No. per containerIf "Yes,"
Unit Package wgt. No. per container

3. Location of Net Contents Information

☒ Label☐ Container

4. Size(s) of Retail Container

2, 4, 8, 16, 20, 22, 25, 32 or 36 fl. oz.;
1, 5, 55, 150 or 275 gal

5. Location of Label Direction

☒ On Label☐ On Labeling accompanying product

6. Manner In Which Label Is Affixed to Product

Lithograph

Paper glued

☐ Stenciled☒ Other adhesive label

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name

Ted Shilsky

Title

COO

Telephone No. (Include Area Code)

516 674-4085

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any kind of knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

2. Signature

3. Title

COO

4. Typed Name

Theodore Shilsky

5. Date

11/21/17

6. Date Application Received

(Stamped)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

November 28, 2017

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

TED SHILISKY
AP GOLDSHIELD LLC
734 CHICKEN VALLEY ROAD
LOCUST VALLEY, NY 11560

PRODUCT NAME: GOLD SHIELD 5
COMPANY NAME: AP GOLDSHIELD LLC
OPP IDENTIFICATION NUMBER:
EPA FILE SYMBOL: 85556-1
EPA RECEIPT DATE: 11/22/17

SUBJECT: RECEIPT OF AMENDMENT

DEAR REGISTRANT:

The Office of Pesticide Programs has received your application for an amendment and it has passed an administrative screen for completeness.

During the initial screen we determined that the application appears to qualify for fast track review. The package will now be forwarded to the Product Manager for review to determine its acceptability for fast track status.

If you have any questions, please contact Antimicrobials Division, Risk Management Team 31, at (703) 347-8028.

Sincerely,

A handwritten signature in black ink, appearing to be "Jell", written over a horizontal line.

Front End Processing Staff
Information Services Branch
Information Technology & Resources Management Division

Fee for Service

{1012171}~

This package includes the following

☐ New Registration

☒ Amendment

☐ Studies? ☐ Fee Waiver?

☐ volpay % Reduction: ____

for Division

☒ AD

☐ BPPD

☐ RD

Risk Mgr. 31

Receipt No.

S- 1012171

EPA File Symbol/Reg. No.

85556-1

Pin-Punch Date:

11/22/2017



This item is NOT subject to FFS action.

Action Code:

Requested:

Granted:

Amount Due: \$ ____

Parent/Child Decisions:

☐ Inert Cleared for Intended Use

☐ Uncleared Inert in Product

Reviewer: T. Hays

Date: 11/27/17

Remarks: Amendment

Receipt for Section 3

S: 1012171Milestone Email:

Regulatory Type: Product Registration - Section 3

Application Type: Amendment

Company: 85556 AP GOLDSHIELD LLC

Risk Manager: Antimicrobials Division, Risk Management Team 31

Product #: 85556-1Product Name: GOLD SHIELD 5

Override#:

Me Too Section3:Me Too Product Name:

Application Date: 21-Nov-2017

Front End Date: 22-Nov-2017

FFS Due Date:

OPP Target Date:

Fast Track:

Receipt Description: LABEL AMENDMENT

Form A:

Signature Date:

Resubmission: YesNo

Fee For Service: YesNo

Billable: YesNo

V

OPP Rec'd Date: 22-Nov-2017

Risk Manager Send Date: 28-Nov-2017

Negotiated Due Date:

New Ingredient:

Request Date:

New Ingredient Received Date:

Signature Date:

Print Letter

Enter More Information

Tracking

Receipt Content	Des
Paper Label	

View/Edit

K

PROCESSING REQUEST

Reg # 85556-1

Decision # 506593

Description:

Material Available Electronically (see PPLS):

☐ Electronic Label/Letter Dated

☐ Other:

Material Sent (see jacket):

☐ Stamped Label/Letter Dated

☐ Notification Dated

☒ New CSF(s) Dated 06/30/2015

☐ Other: Letter

File this coversheet and attached materials in the jacket. It must be well organized and clipped together, NOT STAPLED. Then give the jacket with the coversheet and materials to staff in the Information Services Center (ISC) (Room S-4900). If a jacket is full or only available as an image, please file materials in a new jacket and bring it down to the (ISC). For further information please call 703-605-0716.

Reviewer: E. Oiguenblik

Division: AD

Phone: 347-0199

Date:



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

February 9, 2016

Theodore Shilsky
Vice President
AP GoldShield LLC
9570 Pan American Drive
El Paso, Texas 79927

Subject: CSF Amendment –Revised Basic CSF)
Product Name: Goldshield 5
EPA Registration Number: 85556-1
Application Date: June 30, 2015
Decision Number: 506593

Dear Mr. Shilsky:

The Confidential Statement of Formula (CSF) referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

Please note that the record for this product currently contains the following CSFs:

- Basic CSF dated 06/30/2015

Any CSFs other than those listed above are superseded/no longer valid. If you have any questions, please contact Emilia Oiguenblik by phone at 703 347 0199, or via email at Oiguenblik.emilia@epa.gov or Eric Miederhoff by phone at 703 347 8028, or via email at Miederhoff.eric@epa.gov

Sincerely,

A handwritten signature in black ink, appearing to read "E. Miederhoff", is written over the typed name.

Eric Miederhoff
Product Manager 31
Regulatory Management Branch I
Antimicrobials Division (7510P)
Office of Pesticide Programs
Date: February 9, 2016

Oiguenblik, Emilia

From: Miederhoff, Eric
Sent: Monday, February 08, 2016 1:59 PM
To: Oiguenblik, Emilia
Subject: FW: Goldshield Applications Status
Attachments: EPA Alternative formula correspondence.pdf

From: Thomas L Higgins [mailto:tom@goldshield1.com]
Sent: Sunday, January 31, 2016 8:44 AM
To: Miederhoff, Eric <Miederhoff.Eric@epa.gov>
Cc: Knizner, Steve <Knizner.Steve@epa.gov>; 'ted Shlisky' <ted@goldshield1.com>
Subject: Goldshield Applications Status

Dear Eric,

I received a call from John Abear (not sure of spelling) late Friday night, after I made a call to Steve Knizner seeking information on the status on alternative formula applications we submitted in late June early July of 2015. Here is the background:

- July 6, 2015 we received the attached letter confirming receipt of our application and that it has been placed on a fast track status
- Oct. 2, 2015 John Cowden called and said we had to change the date on the CSF forms to the date of the application
- Oct. 2, 2015, we sent the revised CSF forms to John with corrected date.
- Late Nov. and Dec. we sent emails seeking the status, without a response
- Friday I called Steve to find out where we stood, and John called my office and left a voice mail that said I could write to you in his absence to get the status of where this application stands.

Could you or someone else just let us know. I thank you in advance.

Tom Higgins

Subject: Re: Up date CSF

Date: Friday, October 2, 2015 11:40:12 AM Eastern Daylight Time

From: Thomas Higgins

To: Cowden, John C.

Priority: High

Please confirm receipt of revised CSF's

From: "Cowden, John C." <Cowden.JohnC@epa.gov>

Date: Fri, 2 Oct 2015 14:41:44 +0000

To: Thomas Higgins <tom@goldshield1.com>

Subject: Up date CSF

Tom,

Good morning if you could send me an updated CSf i would appreciate it. 85556-1 and -2.

Thanks,

John Cowden

Environmental Protection Specialist

EPA Antimicrobials Division

Cowden.johnc@epa.gov

(703)347-0259



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

July 6, 2015

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

TED SHLISKY
AP GOLDSHIELD LLC
9570 PAN AMERICAN DRIVE
EL PASO, TX 79927-

PRODUCT NAME: GOLD SHIELD 5
COMPANY NAME: AP GOLDSHIELD LLC
OPP IDENTIFICATION NUMBER:
EPA FILE SYMBOL: 85556-1
EPA RECEIPT DATE: 07/02/15

SUBJECT: RECEIPT OF AMENDMENT

DEAR REGISTRANT:

The Office of Pesticide Programs has received your application for an amendment and it has passed an administrative screen for completeness.

During the initial screen we determined that the application appears to qualify for fast track review. The package will now be forwarded to the Product Manager for review to determine its acceptability for fast track status.

If you have any questions, please contact Antimicrobials Division, Risk Management Team 31, at 703-308-6233.

Sincerely,

A handwritten signature in cursive script, appearing to read "A. Novak".












Front End Processing Staff
Information Services Branch
Information Technology & Resources Management Division

Name: **GOLDSHIELD 75**

[<View Registration Details>](#)

S:	Submission Type	OPP Rec'd Date	Resubmission	Description
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S:	Submission Type	OPP Rec'd Date	Resubmission	Description
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 D: Pending; 507930; 85556-2;676;Product Rereq
 D: Pending; 506590; 85556-2;362;FORMULA CH
 75-Day Letters
 S: 970614 7/2/2015; Amendment; 85556
 D: Closed; 495077; 85556-2;332;NOTIFICATIO
 Data Requirements
 D: Closed; 465779; 85556-2;302;LABEL REVISI
 D: Pending; 462241; 85556-2;302;LABEL REVIS
 D: Closed; 462111; 85556-2;332;NOTIFICATIO
 D: Closed; 430827; 85556-2;362;FORMULA CH
 D: Closed; 378983; 85556-2;A54;NEW PRODUC

Submission Type: Amendment

E-Sub #:

Submitter Company: AP GOLOSHIELD LLC

OPP Received Date: 02-Jul-2015

Date Sent to Risk manager: 06-Jul-2015

Studies Included?: ☐ Yes ☒ No

Fast Track?: ☒ Yes ☐ No

Form A Signed?: ☐ Yes ☐ No

Date: _____

Form B Signed?: ☐ Yes ☐ No

Date:

Reviewer: Cowden, JohnC

Received DT: 06-Jul-2015

Editable Due DT:

Submission Due DT: 30-Sep-2015

Response: 0, 02-Jul-2015

Priority Weight:

Priority Points:

Comments:



Fw: open issues

Velma Noble to: Emilia Oiguenblik

10/03/2012 09:36 AM

From: Velma Noble/DC/USEPA/US
To: Emilia Oiguenblik/DC/USEPA/US@EPA

fyi

Thanks

Velma Noble, Product Manager 31
Regulatory Branch 1
Antimicrobials Division
Environmental Protection Agency
Office of Pesticide Programs
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

----- Forwarded by Velma Noble/DC/USEPA/US on 10/03/2012 09:36 AM -----

From: Tom Higgins <lhgoldshield@optonline.net>
To: Velma Noble/DC/USEPA/US@EPA
Cc: mdvdt@aol.com, Lane GS <GoldShield@gmx.com>
Date: 07/12/2012 04:18 PM
Subject: open issues

Dear Ms. Noble,

I wrote to you yesterday regarding the referral from Dennis Edwards concerning the application directions for padding, fogging, foam finishing techniques and if you could direct to specific language acceptable by the EPA that would be helpful.

The other issue is the amendment we submitted to have that additional language on our labels for application to non-direct food contact equipment. I would like a meeting to show you or whomever makes these decisions the equipment in question and how it does not come in direct food contact. When are you available?

Thomas L Higgins (Tom)
President/CEO
AP Goldshield LLC
516.674.4085 P
516.759.5309 C
516.759.5309 F

www.goldshieldtech.com
www.goldshieldindustries.com (new)



Fw: Open issues

Velma Noble to: Emilia Oiguenblik

10/03/2012 09:37 AM

From: Velma Noble/DC/USEPA/US
To: Emilia Oiguenblik/DC/USEPA/US@EPA

fyi

Thanks

Velma Noble, Product Manager 31
Regulatory Branch 1
Antimicrobials Division
Environmental Protection Agency
Office of Pesticide Programs
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

----- Forwarded by Velma Noble/DC/USEPA/US on 10/03/2012 09:37 AM -----

From: Tom Higgins <thgoldshield@optonline.net>
To: Velma Noble/DC/USEPA/US@EPA
Date: 08/30/2012 02:35 PM
Subject: Open issues

Hi Velma,

I had written to you last month for references on companies producing organosilane antimicrobials for language that Mr. Edwards said, had been submitted for application processes for "padding"; "fogging" and "foam finishing techniques" and I have not heard back from you.

Also we had submitted an amendment for add an application to equipment for non-direct food contact surfaces which was rejected by your office stating that any equipment found within a food processing facility would be in contact with food. We requested a meeting and I have not heard back from you and when you are available.

Thomas L Higgins (Tom)
President/CEO
AP Goldshield LLC
516.674.4085 P
516.759.5309 C
516.759.5309 F

www.goldshieldtech.com

www.goldshieldindustries.com (new)





Fw: directions

Velma Noble to: Emilia Oiguenblik

10/03/2012 09:36 AM

From: Velma Noble/DC/USEPA/US
To: Emilia Oiguenblik/DC/USEPA/US@EPA

fyi

Thanks
Velma Noble, Product Manager 31
Regulatory Branch 1
Antimicrobials Division
Environmental Protection Agency
Office of Pesticide Programs
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

----- Forwarded by Velma Noble/DC/USEPA/US on 10/03/2012 09:36 AM -----

From: Tom Higgins <thgoldshield@optonline.net>
To: Velma Noble/DC/USEPA/US@EPA
Cc: mdvdt@aol.com
Date: 07/11/2012 11:29 AM
Subject: directions

Dear MS. Noble,

Mr. Edwards referred me to you, regarding directions for the application methods of "padding, fogging or foam finishing techniques". Before we work up alternative directions for these applications I would like to know from you:

- a) Are there any referenced labels using this language that provide specific directions which the EPA has accepted and approved which you can direct us to?,
- b) If not, are their guidelines of what the EPA would be seeking from us that would help us work through the proper submissions?

Thomas L Higgins (Tom)
President/CEO
AP Goldshield LLC
516.674.4085 P
516.759.5309 C
516.759.5309 F

www.goldshieldtech.com

www.goldshieldindustries.com (new)





Fw: further clarification

Velma Noble to: Emilia Oiguenblik

10/03/2012 09:35 AM

From: Velma Noble/DC/USEPA/US
To: Emilia Oiguenblik/DC/USEPA/US@EPA

fyi

Thanks
Velma Noble, Product Manager 31
Regulatory Branch 1
Antimicrobials Division
Environmental Protection Agency
Office of Pesticide Programs
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

----- Forwarded by Velma Noble/DC/USEPA/US on 10/03/2012 09:35 AM -----

From: Tom Higgins <thgoldshield@optonline.net>
To: Dennis Edwards/DC/USEPA/US@EPA
Cc: Velma Noble/DC/USEPA/US@EPA, mdvdt@aol.com
Date: 07/09/2012 03:51 PM
Subject: further clarification

Dear Mr. Edwards,

To further explain why I need the information I am requesting below is I have investors, and these people have a right to know why the EPA is demanding these changes after all these years and why we haven't received a **formal letter** explaining such. The obvious question they then raise is if this was an EPA error years ago, and it is now being reversed, is the EPA putting out a formal notification to all other manufactures of organosilanes that do not have directions for padding , fogging and foam finishing techniques wherein that language appears on their labels. I assume you can appreciate the need for your formal response.

The other issue is if another region has constituents that complain to them that some of these methods of application have been removed, can they assert authority to have the labels tailored to their region?

While we await your formal response, we can concurrently develop directions, and provide those, but simply put what's good for the goose should be good for the gander as it certainly appears so far that my small company is being singled out until you can respond otherwise.

From: Tom Higgins [mailto:thgoldshield@optonline.net]
Sent: Monday, July 09, 2012 12:57 PM
To: 'Dennis Edwards'
Cc: 'Velma Noble'; mdvdt@aol.com
Subject: RE: FW: please comment
Importance: High

Are you issuing a notice to all other organosilane manufacturers who have exactly the same language to

remove this wording? Are you going to issue us a letter stating to take the language out of the approved June 26th stamped labels, similarly to the letter from your office issued to originally add the language?, and is your decision to tell us to take this language out the proper process for modifying labels which have been in existence for many, many years.? If you could please answer those three questions we can hopefully move on.

From: Dennis Edwards [<mailto:Edwards.Dennis@epamail.epa.gov>]
Sent: Monday, July 09, 2012 11:54 AM
To: Tom Higgins
Cc: Velma Noble
Subject: Re: FW: please comment

Dear Mr. Higgins,

If you want to add back to your label the applications methods padding, fogging and foam finishing you can submit an application for amended registration and revised labeling which includes those methods of application. If you do want to add them back, then you will need to add directions for use for each of the application methods, padding, fogging and foam finishing. Directions on how to apply the products via those methods is mandatory. How and why we registered the products containing those methods of application without adequate directions is a mystery to me but not one that we will keep repeating. You state that these directions are obvious in the commercial section and require no further explanation. I disagree. Our regulations in 40 CFR 156.10 require this information to be listed on the label. Otherwise, it is up to the user on how to apply the product via these methods which is not acceptable. The label must contain adequate directions in order for the product to be used effectively and for someone to determine whether or not the product has been illegally used putting someone potentially at risk. For example, you talk about someone treating duct boards or behind them. I assume you mean wall board and not duct work. Treatment of duct work would require several pages of labeling directions and a risk assessment. In addition, I am not aware of any data that has been submitted to support a statement that a fogging use penetrates behind wall board. I am not sure how you would demonstrate it. If we have not required these types of directions as you state on other products please send me a list and I will ensure that we contact them to add directions. Again, if you are interested in adding these directions back to your label, then revised labeling with directions on how to apply your products using these methods of application need to be submitted. If you want to discuss these directions prior to submitting them then you can contact Ms. Velma Noble and we will be glad to discuss them.

Dennis Edwards, Chief
Regulatory Management Branch 1
Antimicrobials Division
703-308-8087

Tom Higgins ---07/05/2012 07:48:59 AM---Dear Mr. Edwards, After our call I realized that you and I may be making a very grave mistake

From: Tom Higgins <thgoldshield@optonline.net>
To: Dennis Edwards/DC/USEPA/US@EPA
Cc: mdvdt@aol.com
Date: 07/05/2012 07:48 AM
Subject: FW: please comment

Dear Mr. Edwards,

After our call I realized that you and I may be making a very grave mistake by eliminating the language region 5 is requesting. So I called several of our customers in the remediation business, and our agents who sell into that space, these are "experts" in these fields of use and I explained to them what the reasoning of region 5 was to have the language of padding, fogging and foam finishing techniques removed. Succinctly, they said these eliminations would fundamentally change the remediation industry and in fact prevent sales to that industry. How? Because any remediator using these commonly understood techniques presently would be then in violation of the law. Think of a plumber who has multiple tools in box other than a wrench, he first needs to assess the problem before he knows what tools at his disposal he should use, same is true for those skilled in the remediation business. I then reached out to an old friend at the EPA and a former executive there for advice.

Their thoughts, were that a great deal of thought, interaction with industry, and wisdom was used in making the decisions for such language to not only accommodate regulatory compliance, but initiating practical, sensible wording that the industry was familiar with, which didn't require further explanation on the label. In other words, it would have been obvious to one having ordinary skill to include the use of these application options without detailed explanations, and as such came to the conclusion the language should be mandated and mandated centrally not left up to the arbitrary decisions of 10 regions. A perfect example, was when you asked me how would they "brush", this is wording which is not explained in the label, yet would be obvious to a remediator to use a paint brush on joints and crevices where spraying is impractical. Padding is also utilized for tubing and other substrates as a practical alternative to spraying or brushing. Fogging techniques are used often when treating duct-boards or behind them when inaccessible to where some molds could grow, the same could be said for foam finishing techniques. Many of these equipment are based on ultrasonic energy to form small micron particles to access hard to get at substrates. Again these devices are obvious in the commercial sector requiring no further detailed explanations. I also suspect in their (EPA) wisdom, they realized that if each method was to be articulated for each application, it would be a totally impractical task to have 30 pages of label language on a container. They understood that there was intelligence within the commercial industry to utilize the tools within the trade to appropriately apply these liquids. And I would assume they realized they couldn't let 10 separate regions requiring different language on labels, what would happen if one region didn't want a manufacturer to ship totes?

It would therefore be our recommendation, not to overturn many, many years of precedent instructions and the instructions issued to us by your office (Headquarters), by eliminating very obvious methods of applications. To take such action after all these years would put companies in severe legal jeopardy for decisions render by people having no particular expertise in the art.

Thomas L Higgins (Tom)
President/CEO
AP Goldshield LLC
516.674.4085 P
516.759.5309 C
516.759.5309 F

www.goldshieldtech.com
www.goldshieldindustries.com (new)



Fw: please comment
Velma Noble to: Emilia Oiguenblik

10/03/2012 09:34 AM

From: Velma Noble/DC/USEPA/US
To: Emilia Oiguenblik/DC/USEPA/US@EPA

fyi

Thanks
Velma Noble, Product Manager 31
Regulatory Branch 1
Antimicrobials Division
Environmental Protection Agency
Office of Pesticide Programs
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

----- Forwarded by Velma Noble/DC/USEPA/US on 10/03/2012 09:34 AM -----

From: Tom Higgins <thgoldshield@optonline.net>
To: Dennis Edwards/DC/USEPA/US@EPA
Cc: Velma Noble/DC/USEPA/US@EPA, mdvdt@aol.com
Date: 07/09/2012 12:57 PM
Subject: RE: FW: please comment

Are you issuing a notice to all other organosilane manufacturers who have exactly the same language to remove this wording? Are you going to issue us a letter stating to take the language out of the approved June 26th stamped labels, similarly to the letter from your office issued to originally add the language?, and is your decision to tell us to take this language out the proper process for modifying labels which have been in existence for many, many years.? If you could please answer those tthree questions we can hopefully move on.

From: Dennis Edwards [mailto:Edwards.Dennis@epamail.epa.gov]
Sent: Monday, July 09, 2012 11:54 AM
To: Tom Higgins
Cc: Velma Noble
Subject: Re: FW: please comment

Dear Mr. Higgins,

If you want to add back to your label the applications methods padding, fogging and foam finishing you can submit an application for amended registration and revised labeling which includes those methods of application. If you do want to add them back, then you will need to add directions for use for each of the application methods, padding, fogging and foam finishing. Directions on how to apply the products via those methods is mandatory. How and why we registered the products containing those methods of application without adequate directions is a mystery to me but not one that we will keep repeating. You state that these directions are obvious in the commercial section and require no further explanation. I disagree. Our regulations in 40 CFR 156.10 require this information to be listed on the label. Otherwise, it is up to the user on how to apply the product via these methods which is not acceptable. The label must contain adequate directions in order for the product to be used effectively and for someone to determine whether or not the product has been illegally used putting someone potentially at risk. For example, you



Fw: master label changes

Velma Noble to: Emilia Oiguenblik

10/03/2012 09:34 AM

From: Velma Noble/DC/USEPA/US
To: Emilia Oiguenblik/DC/USEPA/US@EPA

fyi

Thanks

Velma Noble, Product Manager 31
Regulatory Branch 1
Antimicrobials Division
Environmental Protection Agency
Office of Pesticide Programs
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

----- Forwarded by Velma Noble/DC/USEPA/US on 10/03/2012 09:33 AM -----

From: Tom Higgins <thgoldshield@optonline.net>
To: Dennis Edwards/DC/USEPA/US@EPA
Cc: Velma Noble/DC/USEPA/US@EPA, mdvdt@aol.com
Date: 07/03/2012 04:35 PM
Subject: master label changes

Mr. Edwards, I have made the changes to the Master labels, based on your instructions to eliminate the language "padding, Fogging and foam finishing techniques" even though three weeks ago we were instruction to retain that language by EPA head-quarters. It appears the region 5 is trumping HQ authority.

As I mentioned on the call, this language has been on these products under this brand since 2006, and to my knowledge no one in any region nor in headquarters has objected to it, on the contrary, there were specific instructions via letter(s) from Ms. Velma Noble to insert this language in the labels, copies of which you possess. I assume you can appreciate the confusion this is causing, which appears to be an internal issue to be resolved within the EPA, i.e. who has final authority and why now?

My concern is that language appears in the most recently approved and stamped master labels (dated June 26, 2012) , that have submitted to states which require confirmation of the language on our labels to be in accord with what is filed in the EPA data base.

This back and forth of label changes instigated by region 5 rightfully concerns us as it is a very real possibility that we can run into problems with states and other regions, resulting in a rejection of state approvals, and /or regional stop sales. This inevitably will lead to additional administrative time, effort and money to get those state issues and perhaps regional issues resolved.

Thomas L Higgins (Tom)
President/CEO
AP Goldshield LLC

Material Sent for Data Extraction

Reg # 85556--2

Description: _____

☒ Material(s) Sent to Data Extraction Contractors:

☒ New Stamped Label Dated _____

☐ Notification Dated _____

☐ New CSF(s) Dated _____

☐ Other: _____

☒ Decision #: 466355

☐ Other Action/Comments: correction of label

Attach this coversheet to the top of the material or jacket. It must be well organized and clipped together, NOT STAPLED. Then give the material with this coversheet to staff in the Information Services Center (Room S-4900).

Reviewer: E. O'Connell Team 31

Phone: _____ Division: A&

Date: _____

Created February 3, 2011

Thomas L. Higgins
 President
 AP Goldshield LLC
 9570 Pan American Dr.
 El Paso, Texas 79927

SUBJECT: Goldshield 5
 EPA Registration Number: 85556-1
 Application Date: June 1, 2012
 Receipt Date: June 5, 2012

Dear Mr. Higgins:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

General Comments

A stamped copy of the accepted labeling is enclosed. Submit 1 copy of your final printed label before distributing or selling the product bearing the revised labeling. Should you have any questions concerning this letter, please contact Emilia Oiguenblik at (703) 347 0199 or Velma Noble at (703) 308-6233.

Sincerely,

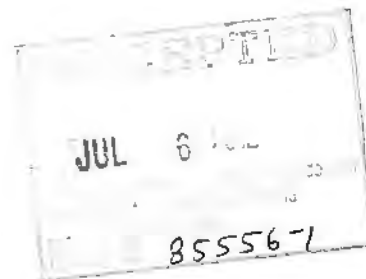
DATE for

Velma Noble
 Product Manager (31)
 Regulatory Management Branch I
 Antimicrobials Division (7510P)

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							



Goldshield™



Goldshield®5
MICROBIOSTATIC AGENT *
A Silicone Quaternary Ammonium Salt

Active Ingredient:	3-(Trihydroxysilyl)propyldimethyloctadecyl ammonium chloride.....	5.0%
Other Ingredients:	95.0%
TOTAL	
INGREDIENTS:	100.0%

KEEP OUT OF REACH OF CHILDREN
WARNING

EPA Reg. No. 85556-1

EPA EST. 82816-SC-001

NET CONTENTS: 2, 4, 8, 16, 20, 22, or 36 fluid oz.; 1, 5, 55, 150, or 275 gal.

Lot No. _____

FIRST AID

Have the product container or label with you when calling the poison control center or doctor, or going for treatment.

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
- Call poison control center or doctor for treatment advice.

IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

IF ON SKIN:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

A microbiostatic agent is an agent that inhibits the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae. This product does not protect users or others against food-borne or disease-causing bacteria.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING. Causes substantial but temporary eye injury. Harmful if absorbed through skin or inhaled. Do not get in eyes. Avoid contact with skin and avoid breathing vapor. Wear protective eyewear (goggles or face shield). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

Commercial and industrial uses: This pesticide is toxic to fish when discharged in bulk. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

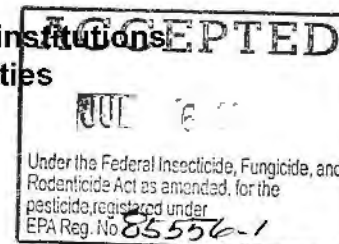
De-activation may be required during clean up if a spill occurs. De-activation of *GOLDSHIELD*®5 can be achieved by the addition of anionic surfactant (such as soap, sulfonates, sulfates) in quantity equivalent to that of *GOLDSHIELD*® 5.

Homeowner use: This pesticide is toxic to fish. When discharged in bulk Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of pesticide.

DIRECTIONS FOR USE

Approved commercial and Industrial Applications

Approved commercial applications used in homes, offices, automobiles and institutions
e.g., schools, hospitals, daycare centers, churches, correctional facilities



PAGE 3 - MASTER LABEL FOR *GOLDSHIELD*®5

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry.

Prepare solutions by simply adding *GOLDSHIELD*®5 to solvent and stirring. Dilute *GOLDSHIELD*®5 by adding 0.2 to 2 fluid ounces of *GOLDSHIELD*®5 per cup (3.2 to 32 fluid ounces of *GOLDSHIELD*®5 per gallon) of water or other solvents (for example, alcohol and ketones) and then applied to organic or inorganic substrates by brushing, dipping, , soaking, spraying, to give a final treatment of 0.1 to 1.0 percent by weight active ingredient.

Dry substrates at temperatures from ambient to a maximum of 160° C (320° F) to effect complete condensation of silanol groups and to remove water, solvents and/or traces of methanol from hydrolysis. Optimum application and drying conditions, such as time and temperature, should be determined for each application before use. If necessary, reapply *GOLDSHIELD*®5 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

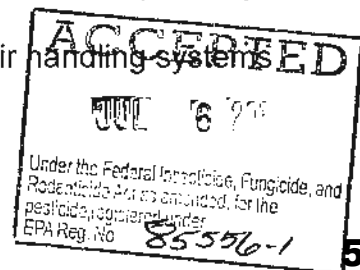
GOLDSHIELD®5 when used as a concrete additive is added directly during concrete preparation. Use 6 fluid ounces *GOLDSHIELD*®5 per cubic feet of concrete. Add to water before addition of concrete. Addition of *GOLDSHIELD*®5 reduces deterioration of sewer pipes and manholes by inhibiting microbiologically induced corrosion.

GOLDSHIELD®5 when used as an additive for paints and coatings is added directly during preparation of the paint or coating. Use 5 pounds of *GOLDSHIELD*®5 per 100 pounds of paint or coating (or 1 pound *GOLDSHIELD*®5 per 20 pounds paint/coating). The addition of the antimicrobial agent *GOLDSHIELD*®5) to paints at the point of manufacture preserves the paint in the can as well as the dried paint film. *GOLDSHIELD*®5 inhibits the growth of odor causing bacteria, bacteria which causes staining and discoloration, fungi (mold and mildew), and algae on the surface of dried films and coatings.

Approved commercial and industrial applications

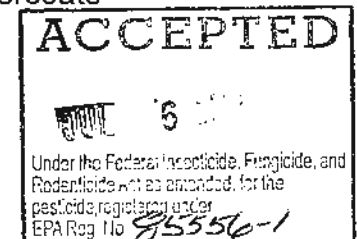
The active ingredient in *GOLDSHIELD*®5 is effective against bacteria, fungi, odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. *GOLDSHIELD*®5 can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) activity.

- Air filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems
- Air filters/materials
- Aquarium filter material



PAGE 4 - MASTER LABEL FOR *GOLDSHIELD*®5

- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Cellulose sponges
- Concrete additive for sewer pipes, manholes and concrete sewer structures; not to be used in treatment of storm drains
- Concrete additive for repair and renewal of sewer pipes and manholes and concrete sewer structures; not to be used in treatment of storm drains
- Exterior walls (such as stone, concrete, brick)
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass ductboard
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- Mens underwear and outerwear
- Non-woven disposable diapers
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- *GOLDSHIELD*®5 can be used in paints and coatings as an in can preservative for protection of paint film and coating film. Types of paints and coatings include : latex indoor/outdoor paints and stains, wood-stains, architectural paints, lacquer and maintenance coatings, films, laminates and finishes including alkyd, urethane, enamel, epoxy, siloxaline , amino resins, textile coatings, extrusion coatings, architectural coatings and overlays, anti-corrosion coatings, fire-resistant coatings, aliphatic coatings, vinyl-ester and polyester coatings, gel coatings, amino resins, resins used as additive mixes for cement, epoxy laminating resins, and blends and copolymers thereof;
- Polyurethane and cellulose foam for household, industrial, and institutional sponges and mops
- Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in non-food contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants
- Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties)
- Roofing materials - defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- Sand bags, tents, tarpaulins, sails, and ropes
- Athletic and casual shoes
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene/nylon/Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra



- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Women's hosiery
- Women's intimate apparel

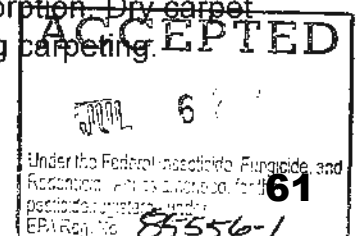
DIRECTIONS FOR USE

**Approved commercial applications used in homes, offices, automobiles and institutions
e.g., schools, hospitals, daycare centers, churches, correctional facilities**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

For Pump Spray Application: Dilute 8 ounces of *GOLDSHIELD*®5 per gallon of water (2 oz. per quart; 1oz. per pint). Using pump sprayer, spray entire area 4"- 6"s from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. *GOLDSHIELD*®5 treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more *GOLDSHIELD*®5 T may be required due to absorption. A fan may be used to assist in drying carpeting.

For Commercial Spray Application: For commercial application equipment (i.e. carpet/upholstery steamers, rotary jet extraction cleaners, pressure sprayers) dilute 8 ounces of *GOLDSHIELD*®5 per gallon of water (2 oz. per quart; 1oz. per pint); mix well. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. *GOLDSHIELD*®5 treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more *GOLDSHIELD*®5 may be required due to absorption. Dry carpet areas and surfaces before re-entry and dry articles before use. A fan may be used to assist in drying carpeting.



For Dipping/Soaking Application: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough *GOLDSHIELD*®5 solution to completely submerge item. Dilute 8 ounces of *GOLDSHIELD*®5 per gallon of water (2 oz. per quart; 1 oz. per pint); mix well. Completely submerge item in solution for 3 minutes. Remove item and dry. Test for staining and color-fastness of fabrics by treating and drying a small, concealed area prior to application. Do not reuse solution after dipping/soaking.

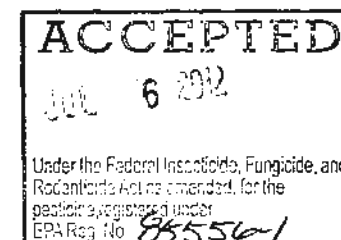
The substrate can be dried at room temperatures or at temperatures to a maximum of 160° C (320° F), for example in a clothes dryer. Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply *GOLDSHIELD*®5 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

**Approved commercial applications in homes, offices, automobiles and institutions
e.g., schools, hospitals, day care centers, banks, churches, correctional facilities**

The active ingredient in *GOLDSHIELD*®5 is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent.

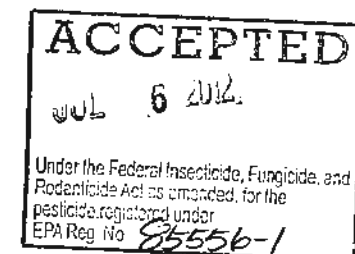
GOLDSHIELD®5 can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) activity.

- Air filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems
- Air filters/materials
- Aquarium filter material
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Cellulose sponges
- Exterior walls (such as stone, concrete, brick)
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass ductboard
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- Mens underwear and outerwear
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane and cellulose foam for household, industrial, and institutional sponges and mops
- Polyurethane and polyethylene foam, when covered



PAGE 7 - MASTER LABEL FOR *GOLDSHIELD*®5

- Polyurethane foam for packaging and cushioning in non-food contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants
- Roofing materials - defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- Sand bags, tents, tarpaulins, sails, and ropes
- Athletic and casual shoes
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene/nylon/Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Women's hosiery
- Women's intimate apparel



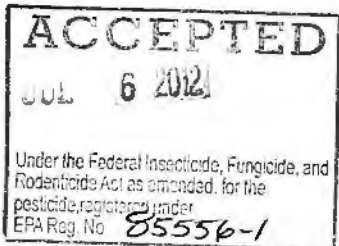
DIRECTIONS FOR USE


For homeowner applications


It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

Approved homeowner uses

The active ingredient in *GOLDSHIELD*®5 is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. *GOLDSHIELD*®5 can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) activity.

	Pest controlled	Dilution Rate	Method of Application
Bed-sheets, blankets, bedspreads, curtains, draperies (washable only), underwear, socks, intimate apparel, hosiery, throw rugs, toweling, toilet tank covers, shower curtains, shoe insoles, outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos). <i>GOLDSHIELD</i> ®5 can be applied to fabrics made of acetates, acrylics, cotton, fiberglass, linen, Lycra, nylon, orlon, polyester, polyethylene, polyolefins, polypropylene, rayon, silk, spandex, vinyl, and wool 	Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	8 oz./ gallon 2 oz./ quart 1 oz./pint	<p>DIP/SOAK: Dilute <i>GOLDSHIELD</i>®5 in water; mix well. Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough <i>GOLDSHIELD</i>®5 solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid. Drying may be attained by dripping dry or wringing excess liquid from treated item. For larger items (e.g., bedspreads, curtains, draperies), place in washing machine on spin cycle to aid in the removal of excess liquid. Test staining and color-fastness of fabric and carpets by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160 °C (320 °F); (for example in a clothes dryer). If necessary, reapply <i>GOLDSHIELD</i>®5 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p> <p>SPRAY: Dilute <i>GOLDSHIELD</i>®5 in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered.</p>

			Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply <i>GOLDSHIELD</i> ®5 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
	Pest controlled	Dilution Rate	Method of Application
Air filters and air filter material for <ul style="list-style-type: none"> • Furnaces, air conditioners • Air purification systems • Automobiles • Recirculating air handling systems • Vacuum cleaner filters • Aquariums 	Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae	8 oz./ gallon 2 oz./ quart 1 oz./pint	SPRAY: Dilute <i>GOLDSHIELD</i> ®5 in water; mix well. When treating filters, remove filter from the unit. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. Apply and then let stand until dry. If necessary, reapply <i>GOLDSHIELD</i> ®5 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.
	Pest controlled	Dilution Rate	Method of Application
Carpeting 	Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	8 oz./ gallon 2 oz./ quart 1 oz./pint	SPRAY: Dilute <i>GOLDSHIELD</i> ®5 in water; mix well. Apply to clean carpet surface. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. For rotary jet extraction cleaners and carpet steamers, add the diluted <i>GOLDSHIELD</i> ®5 solution directly to the cleaning tank, then operate the equipment in accordance with manufacturer's instructions. Apply and then let stand until dry. Test staining and color-fastness of carpets by treating and drying a small concealed area prior to application. <i>GOLDSHIELD</i> ®5 treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates (e.g., wool carpeting), more <i>GOLDSHIELD</i> ®5 may be required due to absorption. Dry carpet areas and surfaces before re-entry. A fan may be used to assist in drying carpeting. Remove children and pets from treated area until completely dried. If necessary, reapply <i>GOLDSHIELD</i> ®5 every three months or when

			odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
	Pest controlled	Dilution Rate	Method of Application
Mattress pad and mattress ticking and upholstery composed of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool; fiberfill to be used in upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, rayon or wool	Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	8 oz./ gallon 2 oz./ quart 1 oz./pint	SPRAY: Dilute <i>GOLDSHIELD</i> ®5 in water; mix well. Clean surfaces prior to application. Using a trigger pump sprayer spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. When applying to mattress pads and ticking do not soak. Remove children and pets from treated area until completely dried. If necessary, reapply <i>GOLDSHIELD</i> ®5 every three months or when odor, staining and discoloration due to bacteria, mold stains and mildew stains return.
	Pest controlled	Dilution Rate	Method of Application
Tents, tarpaulins, sails, ropes. 	Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae	8 oz./ gallon 2 oz./ quart 1 oz./pint	SPRAY: Dilute <i>GOLDSHIELD</i> ®5 in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply <i>GOLDSHIELD</i> ®5 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return. DIP/SOAK: Dilute <i>GOLDSHIELD</i> ®5 in water and mix well. Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough

			<p><i>GOLDSHIELD</i>®5 solution to completely submerge item. Keep item in solution for three minutes. Remove item and wring excess liquid. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160 °C (320 °F); (for example in a clothes dryer). Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply <i>GOLDSHIELD</i>®5 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.</p>
	Pest controlled	Dilution Rate	Method of Application
<p>Roofing materials (such as shingles, roofing granules, wood shakes, felt, stone, synthetic overcoats) Exterior walls (such as stone, concrete, brick)</p>	<p>Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae</p>	<p>8 oz./ gallon 2 oz./ quart 1 oz./pint</p>	<p>SPRAY: Dilute <i>GOLDSHIELD</i>®5 in water; mix well. Make sure the roof or wall is clean prior to application. Using a pressure sprayer, spray the entire surface area 6"-12" from the surface making sure the surface is completely covered. After applying the dilute solution of <i>GOLDSHIELD</i>®5 let stand until dry. <i>GOLDSHIELD</i>®5 treats approximately 200 square feet of roofing or wall per diluted gallon of water. If necessary, reapply <i>GOLDSHIELD</i>®5 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.</p>
	Pest controlled	Dilution Rate	Method of Application
<p>Buffer pads (polishing and abrasive), Polyurethane and cellulose foam for household sponges and mops, vacuum cleaner bags, umbrellas, casual shoes, athletic shoes</p>	<p>Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)</p>	<p>8 oz./ gallon 2 oz./ quart 1 oz./pint</p>	<p>SPRAY: Dilute <i>GOLDSHIELD</i>®5 in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply <i>GOLDSHIELD</i>®5 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p>

ACCEPTED

JUL 6 2012

Under the Federal Insecticide, Fungicide, and
Rodenticide Act 65556-1

	Pest controlled	Dilution Rate	Method of Application
Tubs, glazed tiles, vanity tops, shower curtains, shower stalls (areas), sinks, washable walls, wall paper for non-food contact, floors, window sills, cabinets, garbage cans, appliances, refrigerators (exterior), fiberglass, formica, glazed tiles, glazed porcelain, synthetic marble, plastic, vinyl	Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	8 oz./ gallon 2 oz./ quart 1 oz./pint	SPRAY: Dilute <i>GOLDSHIELD</i> ®5 in water; mix well. Using a trigger pump sprayer, spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply <i>GOLDSHIELD</i> ®5 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

MOLD, MILDEW, ODOR PROTECTOR AND INHIBITOR *GOLDSHIELD*®5 is an antimicrobial agent effective against odor causing bacteria.

GOLDSHIELD®5 is an antimicrobial agent effective against bacteria which cause staining and discoloration.

GOLDSHIELD®5 is an antimicrobial agent effective against fungi (mold and mildew).

GOLDSHIELD®5 is an antimicrobial agent effective against algae.

GOLDSHIELD®5 an antimicrobial agent, controls the source of odors on surfaces in the home, in the bathroom, in the kitchen.

Bacteriostatic, fungistatic (mold and mildew), algaestatic.

GOLDSHIELD®5 an antimicrobial agent, inhibits smelly odors caused by mold and mildew that can grow even in the cleanest of homes.

GOLDSHIELD®5, an antimicrobial agent, inhibits the growth of odor causing bacteria.

Effective on hard non-porous washable bathroom and kitchen surfaces and fixtures around the home.

Effective on modern hard non-porous washable surfaces made of fiberglass, glazed porcelain, Formica®, stainless steel, synthetic marble.

Imparts microbiostatic properties.

Use on carpet and upholstery to inhibit odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Unscented.

Use on carpet and upholstery to inhibit the growth of odor causing bacteria.

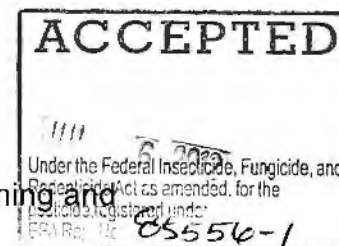
Use on carpet and upholstery to inhibit the growth of bacteria which cause staining and discoloration.

Use on carpet and upholstery to inhibit the growth of fungi (mold and mildew).

Use on carpet and upholstery to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria.

Provides an invisible microbiostatic coating to inhibit the growth of bacteria which cause staining and discoloration.



Provides an invisible microbiostatic coating to inhibit the growth of fungi (mold and mildew).

Provides an invisible microbiostatic coating to inhibit the growth of algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Prevents deterioration caused by bacteria and fungi (mold and mildew).

Inhibits deterioration caused by bacteria.

Resists development of microbial odors.

Resists development of stains and discoloration due to bacteria.

Resists development of stains due to fungi (mold and mildew).

Resists stains due to algae.

Resists development of microbial odors, stains and discoloration due to bacteria, fungi (mold and mildew), and algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria.

Provides/creates an invisible barrier to inhibit the growth of bacteria which cause staining and discoloration.

Provides/creates an invisible barrier to inhibit the growth of fungi (mold and mildew).

Provides/creates an invisible barrier to inhibit the growth of algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

STORAGE AND DISPOSAL

Up to 5 gallons

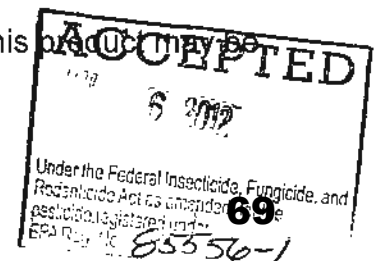
STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

Pesticide Storage: Store in original, tightly closed containers below 30°C (86°F) and above 0°C (32°F) in a secure area inaccessible to children and away from food, pet food, feed, seed, fertilizers, and veterinary supplies.

Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility. [For

Home owners use the statement will read: **Pesticide disposal:** Wastes resulting from the use of this product may be disposed of on site]



Container Disposal: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after flow begins to drip. Repeat this procedure two more times. Offer for recycling if available or dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. [For homeowners use statement will read :

Container Disposal: Securely wrap original container in several layers of newspaper and discard in trash.]

5 gallon containers and larger (not for homeowner)

STORAGE AND DISPOSAL

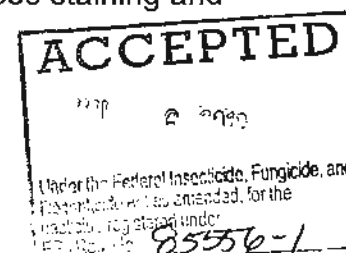
Do not contaminate water, food, or feed by storage and disposal.

Pesticide Storage: Store in original, tightly closed containers below 30°C (86°F) and above 0°C (32°F) in a secure area inaccessible to children and away from food, pet food, feed, seed, fertilizers, and veterinary supplies

Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling if available or dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Note: Any claims for paint use must be for the preservative of the paint in the can. *GOLDSHIELD*®5 is to be used as an in can preservative for paints to control the growth of odor causing bacteria, bacteria which causes staining and discoloration, fungi (mold and mildew) and algae.



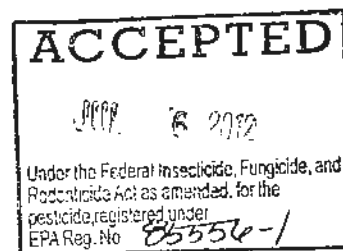
PAGE 15 - MASTER LABEL FOR *GOLDSHIELD*®5

FOR MORE INFORMATION CONCERNING THIS PRODUCT, PLEASE CONSULT THE MATERIAL SAFETY DATA SHEET (MSDS). THE MSDS CAN BE OBTAINED BY WRITING : AP Goldshield LLC , 9570 Pan American Dr., El Paso Texas, 79927 or emailing: customerservice@goldshieldtech.com

IMPORTANT: WARRANTY AND DISCLAIMER INFORMATION

AP GOLDSHIELD, LLC warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated in this bulletin when used in accordance with directions under normal conditions of use; but this warranty of fitness for a particular purpose does not extend to the use of this product contrary to bulletin instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk of any such use.

AP GOLDSHIELD LLC SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY





Fw: 85556-1 corrected label
Estrella Calvo to: Velma Noble
Cc: Emilia Oiguenblik, Susan Perdomo

07/02/2012 06:49 PM

Ms. Noble,

The labels forwarded to Region 5 appear to have the cover letters attached to the wrong labels.

Additionally, the amended labels direct the user to "Apply Goldshield [75 or 5] by...padding,...fogging or by using foam finishing techniques." However the "Directions for Use" do not provide directions for these applications. Region 5 had previously raised this issue to Mr. Edwards and were under the impression that this language would be removed from the label upon amendment. Will the labels be amended further to allow for application by padding, fogging or by using foam finishing techniques? Please advise.

Regards,
Estrella Calvo
Environmental Scientist / Enforcement Officer
Pesticides and Toxics Compliance Section
U.S. EPA - Region 5 (LC-8J)
77 West Jackson Boulevard
Chicago, Illinois 60604

Phone (312) 353-8931
Fax (312) 582-5157

----- Forwarded by Estrella Calvo/R5/USEPA/US on 07/02/2012 05:26 PM -----

From: Tom Higgins <thgoldshield@optonline.net>
To: Susan Perdomo/R5/USEPA/US@EPA,
Cc: Estrella Calvo/R5/USEPA/US@EPA, mdvdt@aol.com
Date: 06/28/2012 10:54 AM
Subject: FW: 85556-1 corrected label

Please see attached the approved and stamped labels, which is what HQ wanted us to submit, not container labels. Although they state in their cover letters that we should re-submit labels, please see below what they sent us yesterday to clarify the attached letters:.....Also please advise what you want to see at this stage and please respond to my prior emails regarding web site. (PS they inadvertently placed the cover letters to the wrong master labels, so just switch those for your records.)
Dear Mr. Higgins:

Answers for your questions:

1. Submitting a copy of final printed label - is EPA standard language. Your labels are accepted without any comments, so you do not need to send the final printed label to the Agency .
- 2) You can make container labels using your master label without submitting them to the Agency.

Emilia Oiguenblik
PYS-8824
703-347-0199

From: Emilia Oiguenblik [mailto:Oiguenblik.Emilia@epamail.epa.gov]
Sent: Tuesday, June 26, 2012 1:45 PM
To: Tom Higgins
Subject: RE: 85556-1 corrected label

Please find PDF copies of letters and stamped labels. When you print these files you will see all these documents. Hard copies will arrive via regular mail.

Have a good day,

Emilia Oiguenblik
PYS-8824
703-347-0199

(See attached file: 85556-1 letter 85556-2 label.pdf)
(See attached file: 85556-2 letter 85556-1 label.pdf)

Tom Higgins ---06/25/2012 04:33:22 PM---Thanks you very much for your quick attention to this matter.

From: Tom Higgins <thgoldshield@optonline.net>
To: Emilia Oiguenblik/DC/USEPA/US@EPA
Date: 06/25/2012 04:33 PM
Subject: RE: 85556-1 corrected label

Thanks you very much for your quick attention to this matter.

From: Emilia Oiguenblik [mailto:Oiguenblik.Emilia@epamail.epa.gov]
Sent: Monday, June 25, 2012 2:13 PM
To: Tom Higgins
Subject: 85556-1 corrected label

Dear Mr. Higgins,

Please find the corrected copy of 85556-1 label. Per our telephone conversation, I deleted red highlighted "yeast" on page 3. The stamped label will not contain it.

On my point of view, both of your labels look OK.

Sincerely,

Emilia Oiguenblik
PYS-8824

703-347-0199

(See attached file: EPA Reg. No. 85556-1.doc)

Tom Higgins ---06/21/2012 02:15:23 PM---From: Tom Higgins <thgoldshield@optonline.net> To: Emilia Oiguenblik/DC/USEPA/US@EPA

From: Tom Higgins <thgoldshield@optonline.net>
To: Emilia Oiguenblik/DC/USEPA/US@EPA
Date: 06/21/2012 02:15 PM
Subject: GS LABELS

Thomas L Higgins (Tom)
President/CEO
AP Goldshield LLC
516.674.4085 P
516.759.5309 C
516.759.5309 F

www.goldshieldtech.com

www.goldshieldindustries.com (new)



[attachment "Master Label 05 final 6.21.2012.doc" deleted by Emilia Oiguenblik/DC/USEPA/US] [attachment

"Master Label 05 final 6.21.2012.pdf" deleted by Emilia Oiguenblik/DC/USEPA/US] [attachment

"Masterlabel_75_Final_AP 6 21 122.doc" deleted by Emilia Oiguenblik/DC/USEPA/US] [attachment

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deleted by Emilia Oiguenblik/DC/USEPA/US] 85556-1 letter 85556-2 label.pdf 85556-2 letter 85556-1 label.pdf



CERTIFICATION STATEMENT

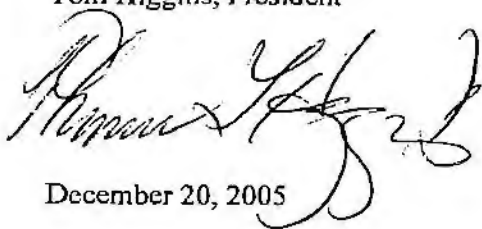
I hereby certify that, for purposes of FIFRA sec. 12(a)(1)(C), the description of the composition of **Gold Shield 5**, refers to the composition set forth on the Statement of Formula and supporting materials. This description includes the representations that:

- 1) no ingredient will be present in the product in an amount greater than the upper certified limit or in an amount less than the lower certified limit specified for that ingredient in a currently approved Statement of Formula; and
- 2) if the Agency requires that the source of supply of an ingredient be specified, that all quantities of such ingredient will be obtained from the source specified in the Statement of Formula.

Company: NBS Technology, LLC

Company Agent: Tom Higgins, President

Signature:



Date: December 20, 2005

